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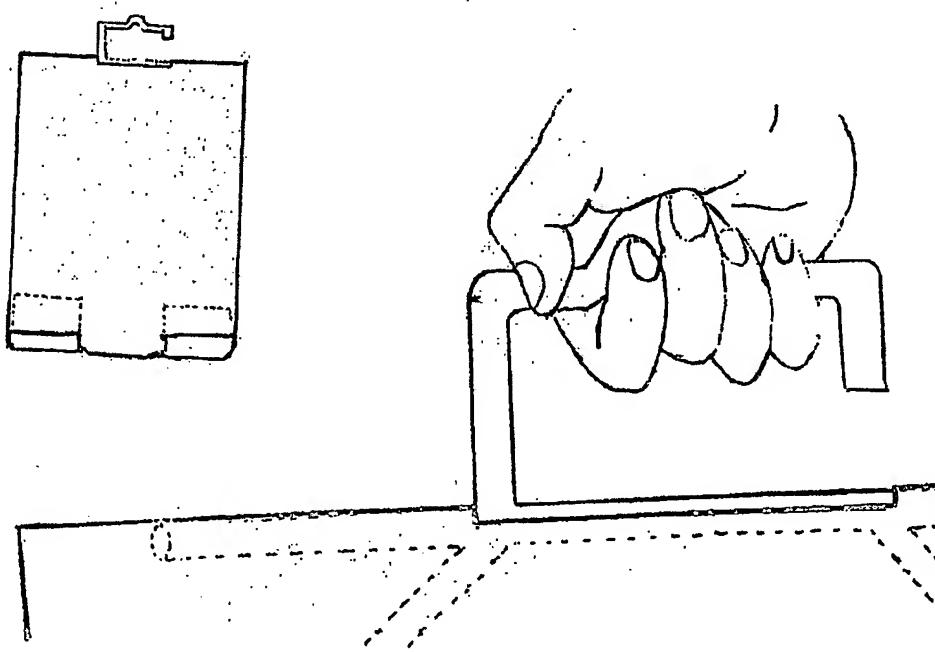
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COAT HANGER SHOPPING BAG



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(57) Abstract: The present invention relates to a shopping bag that can be used as a coat hanger and a packing supplies for a gift. According to the present invention, a shopping bag for clothes is reused as a coat hanger. Also even when the clothes should be kept for a long term due to change of season, the clothes can be kept clean without dirt. The shopping bag according to the present invention is simply constructed with single piece of paper and single coat hanger so that it does not need any other packing materials such as scissors, a tape, a ruler, a packing paper, a shopping bag, and the like.

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## COAT HANGER SHOPPING BAG

### Background of the Invention

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#### 1. Field of the Invention

When packing clothes into a conventional shopping bag, the clothes should be folded into several leaves or crumpled. There are handholds on both 10 sides of the conventional shopping bag, however if even one of the handhold is torn, it becomes very inconvenient to carry the conventional shopping bag. When we buy clothes as a gift in the store, usually, a salesperson folds and puts the clothes in the paper box and wrap the paper box with a packing paper.

15 Then, finally, the packed gift box is put into the shopping bag. This packing needs much time and people who are unskillful in the packing feel difficulty. After gifted, generally the packing boxes or the packing papers are thrown away without being reused. Besides, the shopping bags, which are quite convenient to reuse, are also usually thrown away.

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#### 2. Prior Art

When packing, there are usually generated many wastes such as the gift box, the packing paper, the shopping bag, and the like. However, if 25 packing is completed by using a hanger with a beam of a trouser hanger

according to the present invention, packing papers can be remarkably reduced and clothes can be easily kept for a long time. Besides, there is no need to purchase coat hangers additionally.

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### **Disclosure of the Invention**

According to the present invention, a shopping bag for clothes is reused as a coat hanger. Also even when the clothes should be kept for a long term due to change of seasons, the clothes can be kept clean without dirt.

10 The shopping according to the present invention is simply constructed with single piece of paper and single coat hanger so that it does not need any other packing materials such as a scissors, a tape, a ruler, packing paper, a shopping bag, and the like.

15 According to the present invention, the coat hanger shopping bag can meet the requirement that one coat hanger per one suit when purchasing clothes and since the packing paper of the present invention is used as a cover to keep clothes for a long time, no part of the packing paper is thrown away.

20 Good design of the coat hanger shopping bag does not need for packing a gift separately and the packing is also easier than the conventional shopping bag only by folding the packing paper along dotted lines and fixing the packing paper into fan-shaped holes. A shopping bag with gift-packing function can be utilized as coat hanger. And a paper cover is convenient for 25 keeping clothes for a long time.

Comparing with other conventional plastic coat hanger, the size of the coat hanger shopping of the present invention is similar and the usage thereof is same. There is only difference between the coat hanger shopping of the present invention and the conventional plastic coat hanger that handholds are 5 wider a little and there is an additional beam for a trouser hanger. The beam for the trouser hanger can make coat hanger be used for hanging a coat and trousers, simultaneously. Moreover, the coat and the trousers can be also packed into the coat hanger shopping bag of the present invention.

10 As illustrated in FIG. 1, the handhold is provided on an upper part of the conventional plastic coat hanger. Then, in the middle part there, a hanger groove is formed. Also, as illustrated in FIG. 4, the hanger groove 3 functions to balance a coat hanger 1 when the coat hanger 1 is hanged on the hanger groove 3. The beam 2 for the trouser hanger is installed on the middle part of 15 the coat ganger shopping bag of the present invention. This beam is little shorter than whole length of the coat hanger 1.

20 When using this coat hanger 1, a shirt, a jacket, or the like is hanged as usual and the trousers are hanged by inserting the beam 2 for the trouser hanger into string holes for a belt.

Two methods for packing are available according to the shape of a coated packing paper. According to a first method with a coated paper, the handholds of the coat hanger are inserted into the fan-shaped hole 5 formed at

the middle part of the coated paper 4 illustrated in FIG. 5. FIGS. 6 and 7 are views showing respectively a first packing step and a second packing step for packing the coat hanger with the coated packing paper. The coated packing paper is folded based on the first and second packing steps. That is, folding the 5 clothes and the coated packing paper together along the dotted lines completes the packing. When the packing is completed, the packing becomes that as shown in FIG. 8 and is convenient to be easily carried by hand.

As shown in FIG. 9, the other method for packing with the coated 10 paper is that the coat hanger and the clothes together with the handhold are taken out of the middle part of the coated packing paper on the upper line of the coated packing paper 7. FIGS. 10 and 11 are views showing examples of a first packing step and a second packing step for packing the coat hanger by using the packing paper. The packing paper is folded according to the first and 15 second steps. That is, folding the clothes and the coated packing paper along the dotted lines completes the packing. When the packing is completed, the packing becomes that as shown in FIG. 12 and is convenient to be easily carried by hand.

20 The packing with the packing paper is completed at the upper part, so that the packing could be unpacked when a force is applied in an upper direction. As shown in FIGS. 13 and 14, in order to prevent the packing paper from being unpacked, it is necessary the packing paper should be inserted and fixed into the fan-shaped hole easily,

According to the present invention as described above, the coat hanger shopping bag according to the present invention has advantages as follow.

- 5 1) Prevention the clothes from being creased by packing the coat hanger with a plurality of packing papers,
- 2) No extra packing a gift,
- 3) Convenient for packing,
- 4) Possible to be utilized as a coat hanger,
- 10 5) Easy for keeping clothes by using the packing paper as a case, and
- 6) Since there is provided a beam for a trouser hanger, a coat can be hanged on single coat hanger together trousers as well as being packed (Even when the clothes are not hanged in the hanger, the packing is possible).

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#### Brief Description of the Drawings

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FIG. 1 is a front view showing the size and the shape of a coat hanger;  
FIG.2 is a view showing an example of the coat hanger on which a coat is hanged;

FIG.3 is a view showing an example that trousers are hanged on the beam for a trouser hanger;

FIG.4 is a view showing an example that the coat hanger is hanged;  
FIG.5 is a front view showing the size and the shape of a coated packing paper;

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FIG.6 is a view showing the first step of packing the coat hanger by

packing paper;

FIG.7 is a view showing the second step of packing the coat hanger by the packing paper;

5 FIG.8 is a perspective view showing states that the packing is completed with the packing paper and held by hand;

FIG.9 is a front view showing the size and the shape of a coated packing paper;

10 FIG.10 is a view an example showing the first step of packing the coat hanger by the packing paper;

FIG.11 is a view showing the second step of packing the coat hanger by the packing paper;

FIG.12 is a perspective showing states that the packing completed with the packing paper and held by hand;

15 FIG.13 is a view showing how to connect the packing paper;

FIG.14 is a view showing another way to connect the wrapping paper; and

FIG.15 is a view showing necessary supplies for conventional gift packing and a broken shopping bag.

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#### Mark Description for Main Part of Drawing

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1. Coat hanger
2. beam for a trouser hanger
3. Groove of a coat hanger

4. Coated packing paper
5. Fan-shaped hole
6. Folding part (dotted line: thickness of approximate 1~2 cm, available for 2 lines)
- 5 7. Coated packing paper

#### Best Mode for Carrying Out the Invention

A handhold of a coat hanger shopping bag according to the present invention is inserted into the fan-shaped hole 5 at the middle portion of the coated packing paper 4. FIGS. 6 and 7 are views showing respectively a first packing step and a second packing step for packing the coat hanger with the packing paper. The coated packing paper is folded based on the first and second packing steps. That is, folding the clothes and the coated packing paper together along the dotted lines completes the packing. When the packing is completed, the packing becomes that as shown in FIG. 8 shows and is convenient to be easily carried by hand.

In the present time when disposable things are restricted more and more, throwaway paper (the packing box, the packing paper, the shopping bag, and the like.) can be remarkably reduced. The coat hanger shopping bag according to the present invention is produced in similar way of that of the usual plastic coat hanger. The only difference is to add the handhold and the beam for the trousers hanger. Paper is divided into a big size, a medium size, and a small size of same shape and the packing size can be adjusted by the

number of the dotted line(one or two lines), so that both thin and thick clothes can be packed.

**What is claimed is:**

1. A coat hanger shopping bag comprising:

5 a handhold formed on an upper end portion of a convention coat hanger from a shape of the conventional coat hanger;

a coat hanger groove, formed at a central portion of the handhold, for balancing a coat hanger when the coat hanger is hanged thereon;

10 a beam for a trousers hanger protruded from both side the coat hanger shopping bag and having a length little shorter than whole length of the coat hanger; and

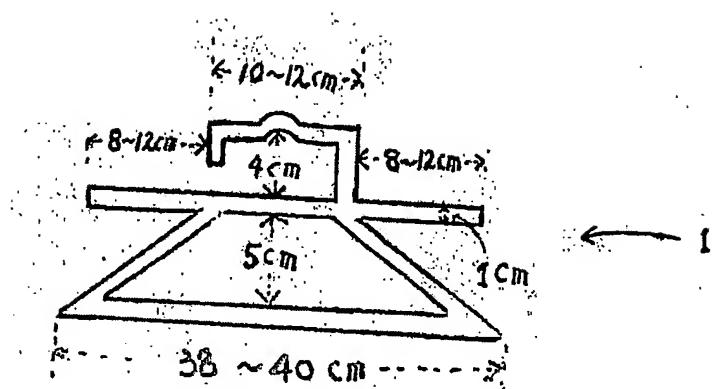
a coated packing paper capable of packing clothes and the coat hanger in several ways and being marked a dotted line;

15 wherein when the coat hanger shopping bag is used, an upper garment is hanged on the coat hanger as usual and trousers (comprising pants and a skirt having belt strings) are inserted by the beam for the trousers hanger through the string holes for a belt, the coat hanger shopping bag of is wrapped and packed by the coated packing paper along the dotted line and the coated packing paper is inserted into each fan-shape holes .

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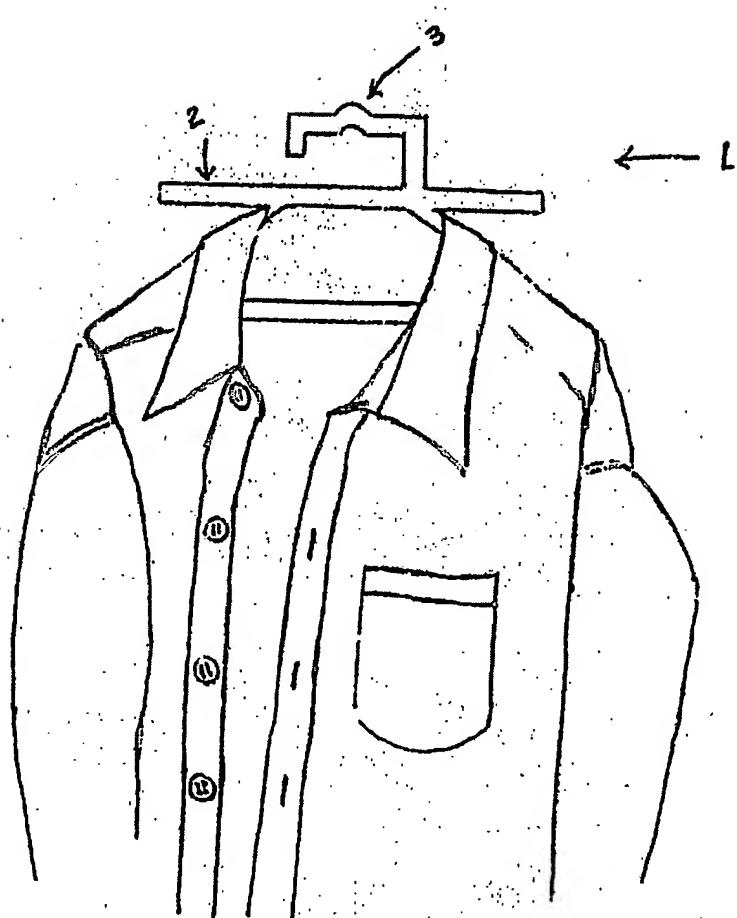
25 2. A hanger comprising a beam for a trousers hanger protruded from both side thereof from a shape of a conventional hanger, and little shorter than whole length of the hanger, wherein an upper garment is hanged on the hanger as usual and trousers (comprising pants and a skirt having belt strings) are inserted by the beam for the trousers hanger through the string holes for a belt.

FIGURE 1



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FIGURE 2



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FIGURE 3

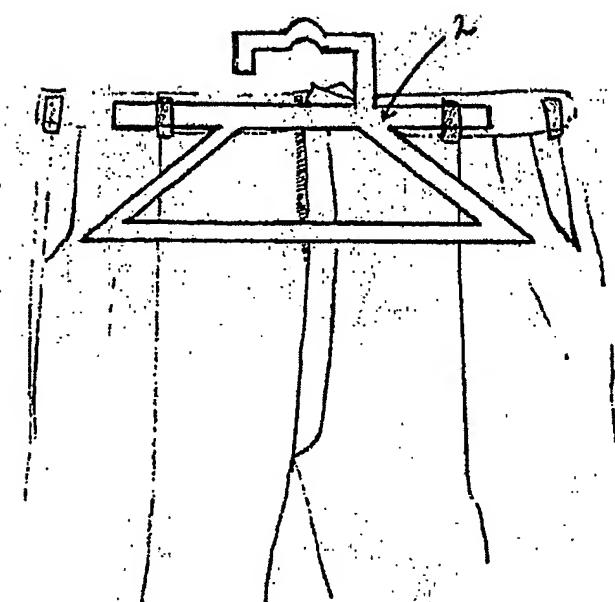
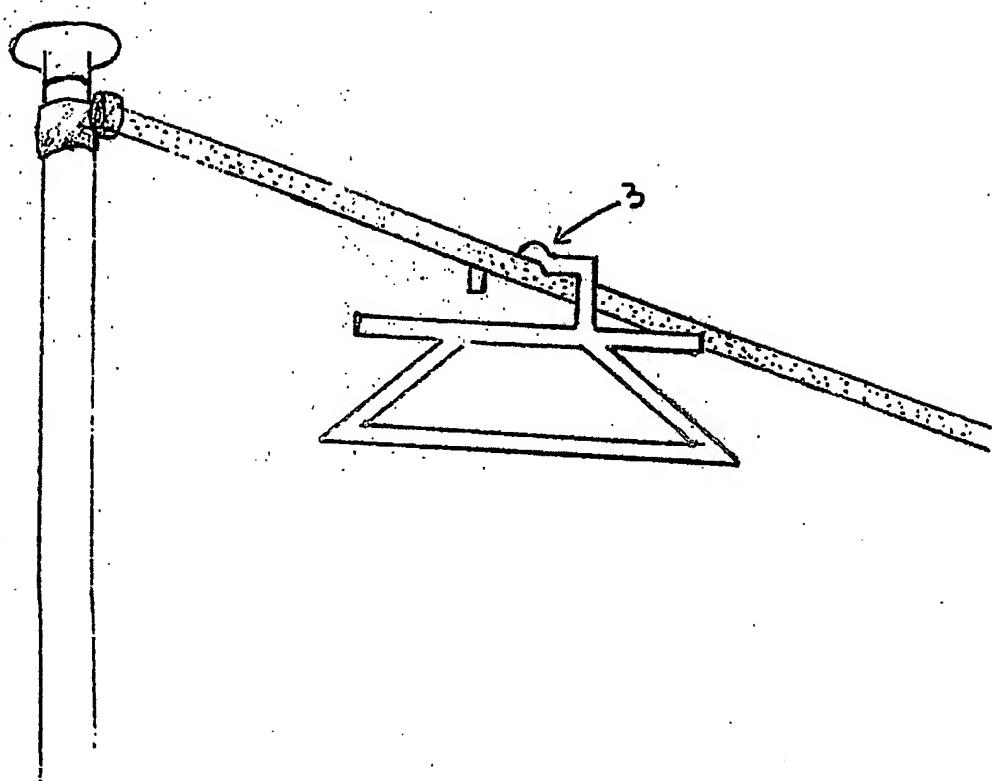
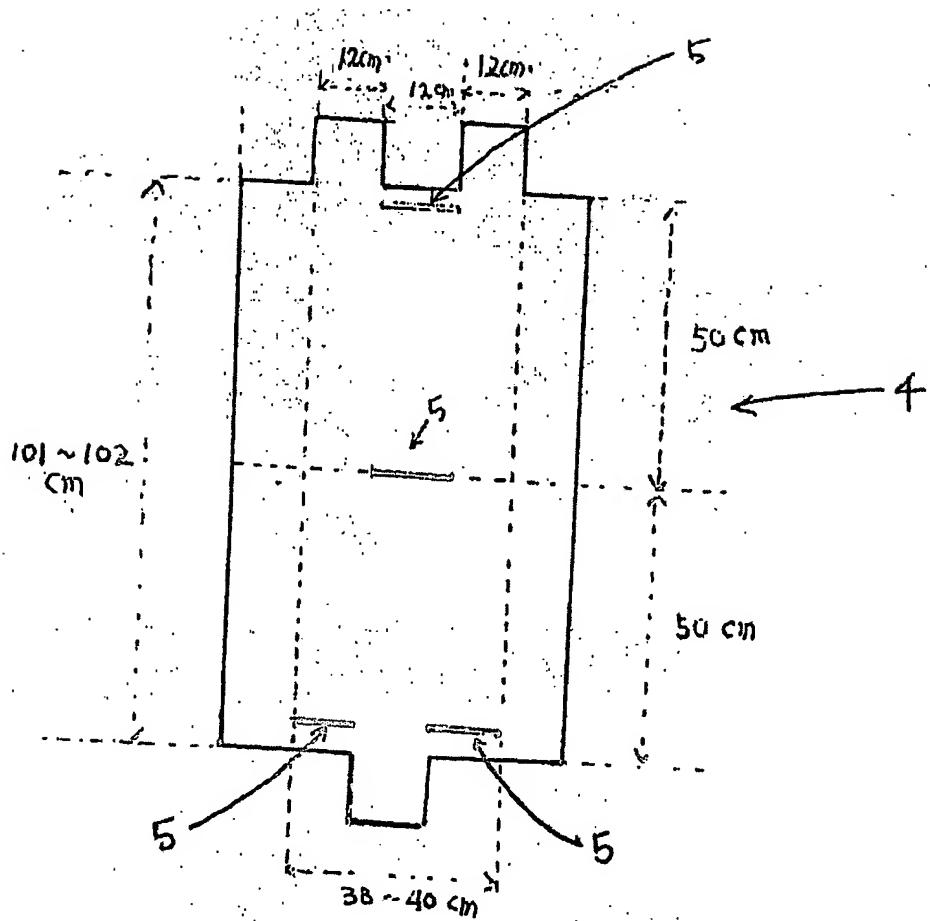


FIGURE 4



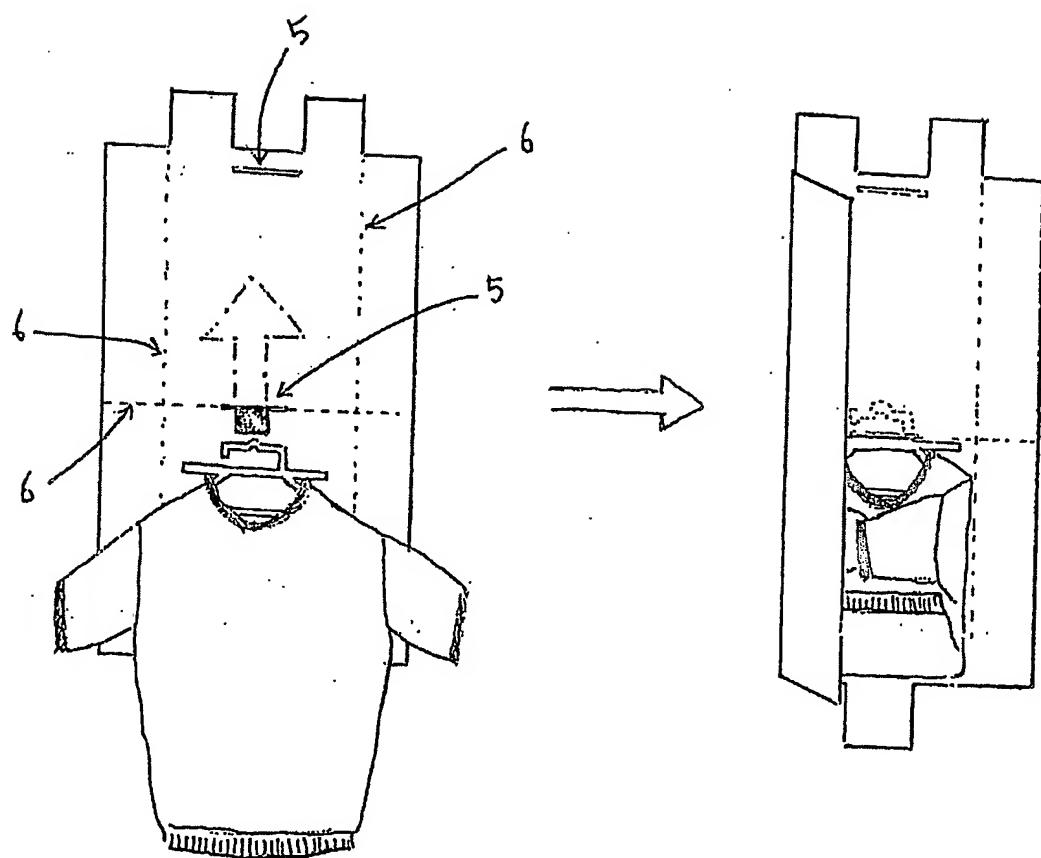
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FIGURE 5



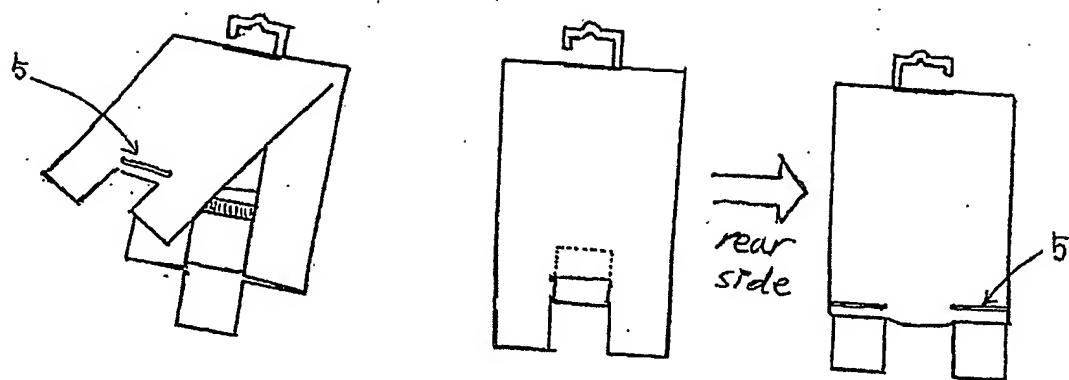
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FIGURE 6



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FIGURE 7



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FIGURE 8

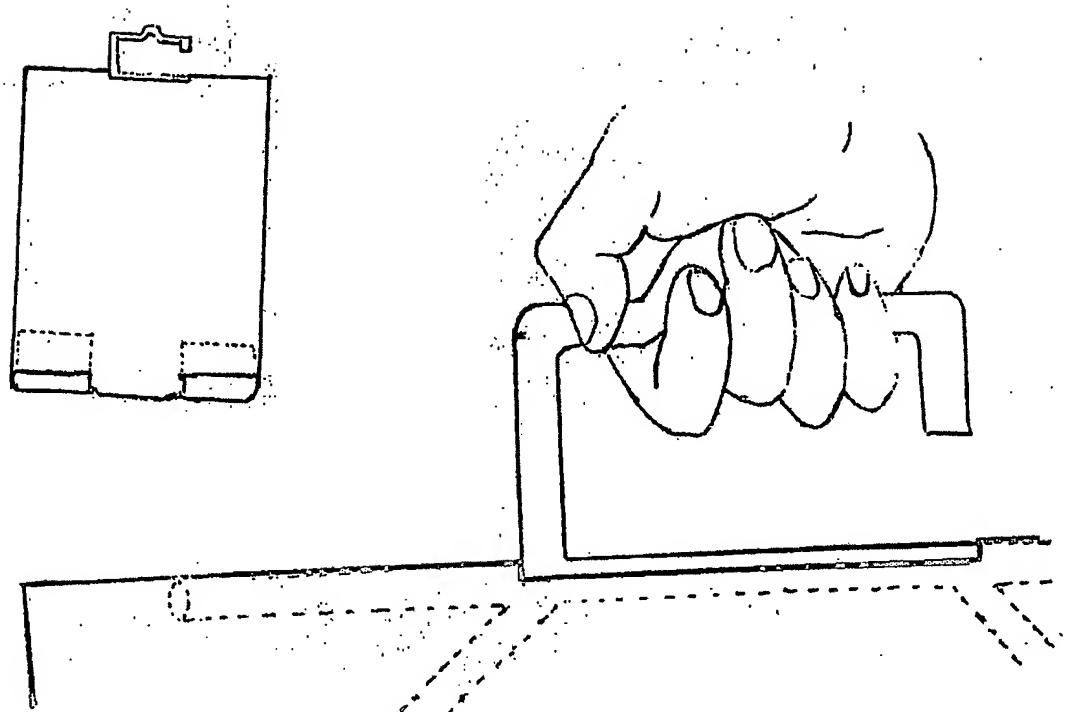
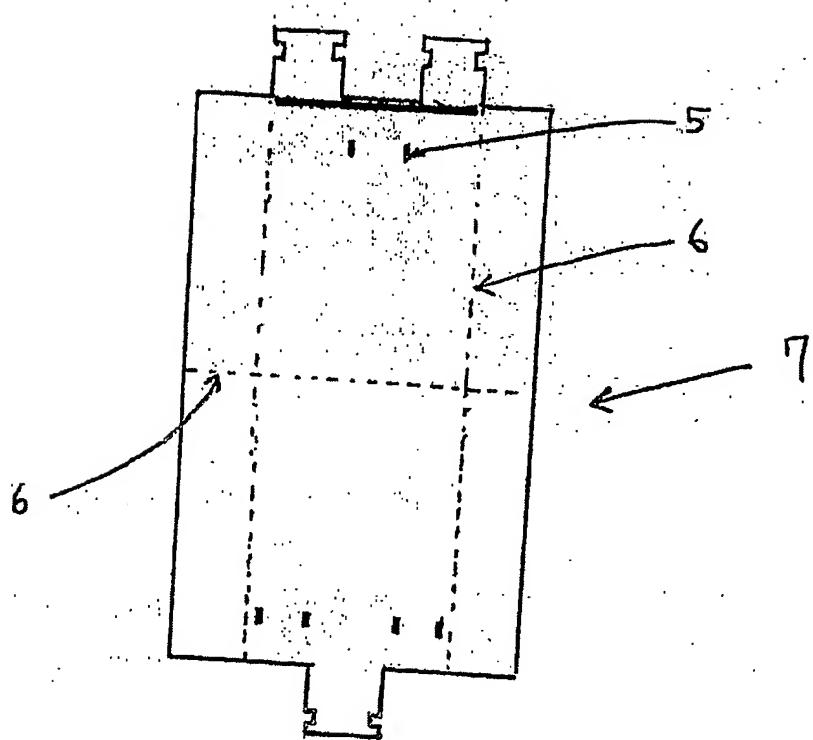
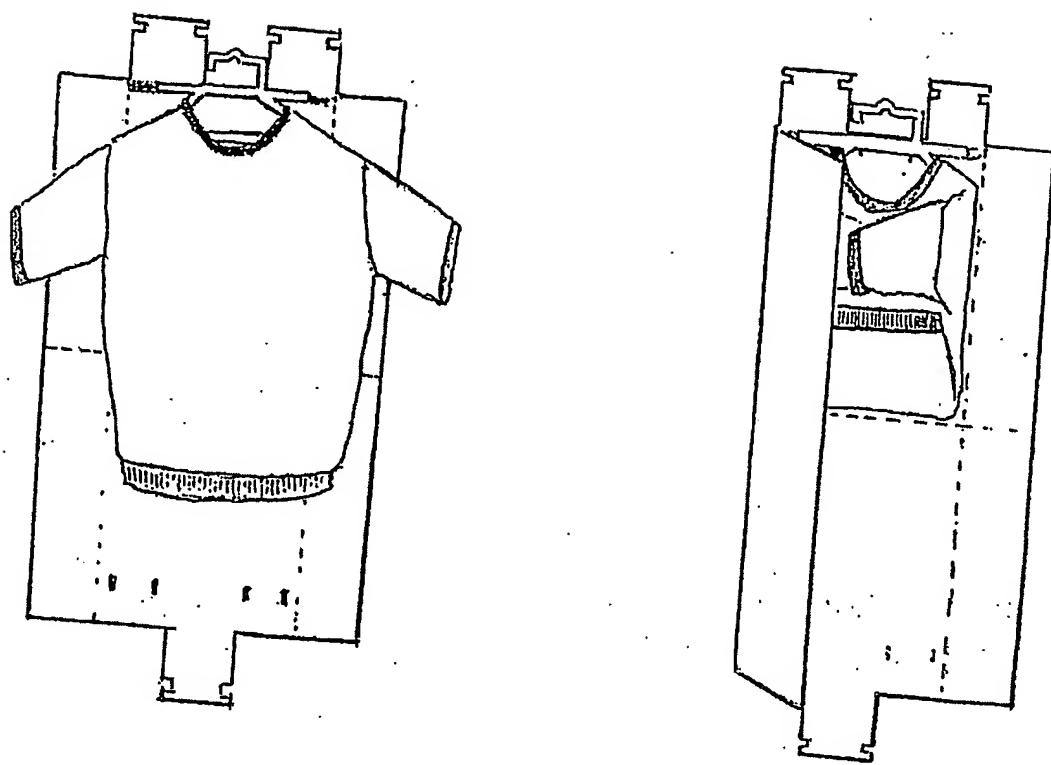


FIGURE 9



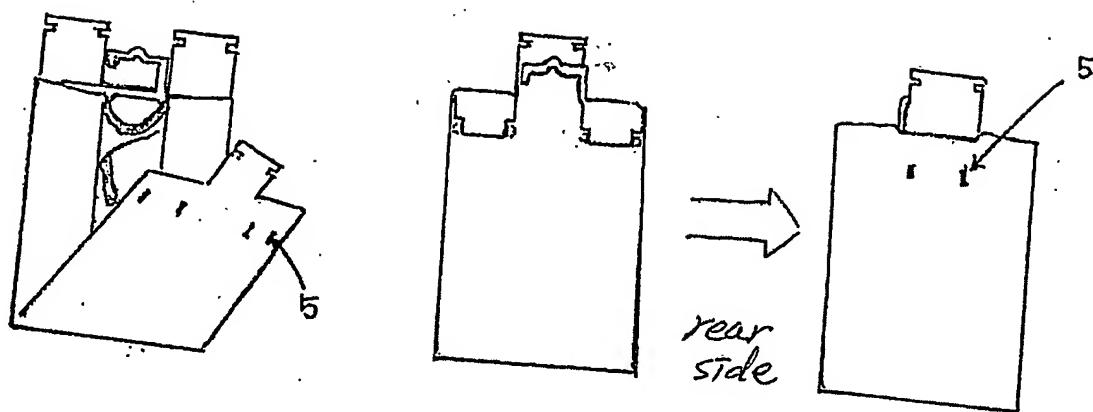
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FIGURE 10



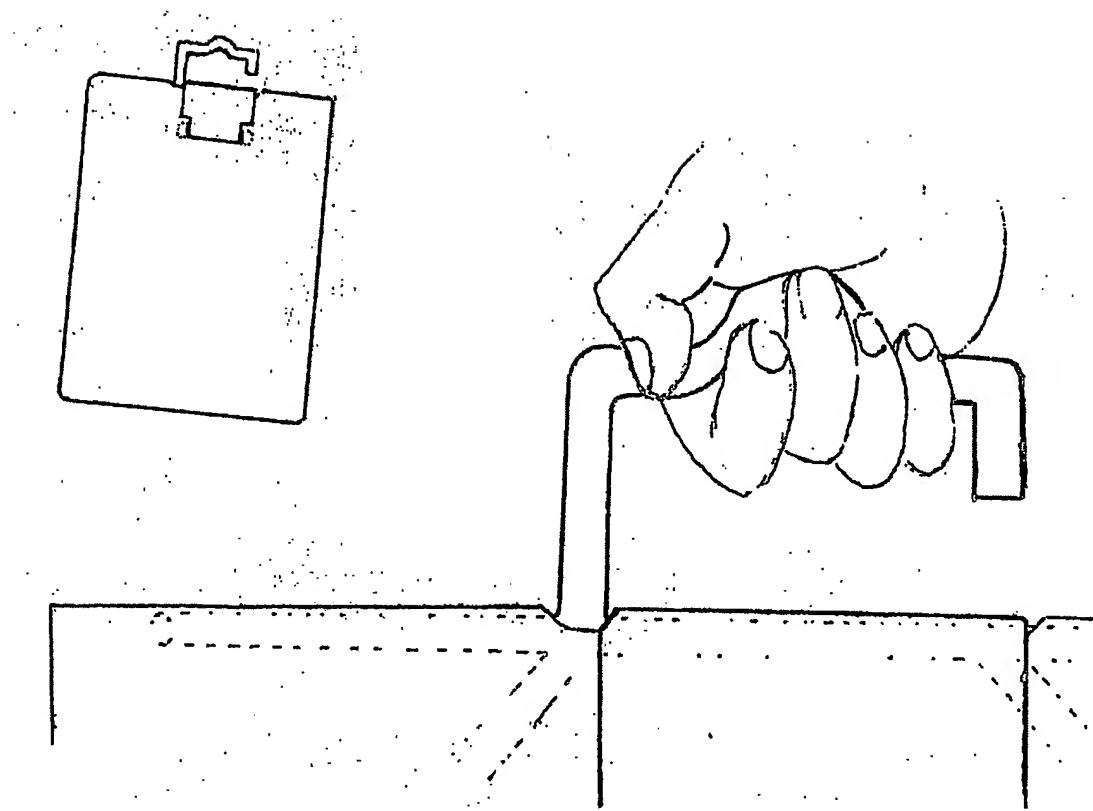
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FIGURE 11



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FIGURE 12



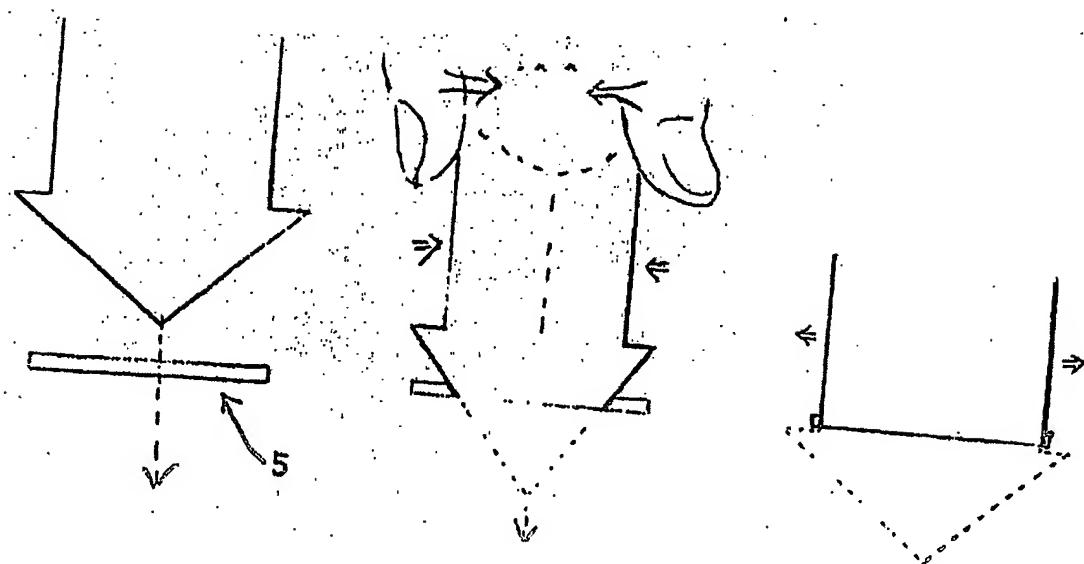
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FIGURE 13



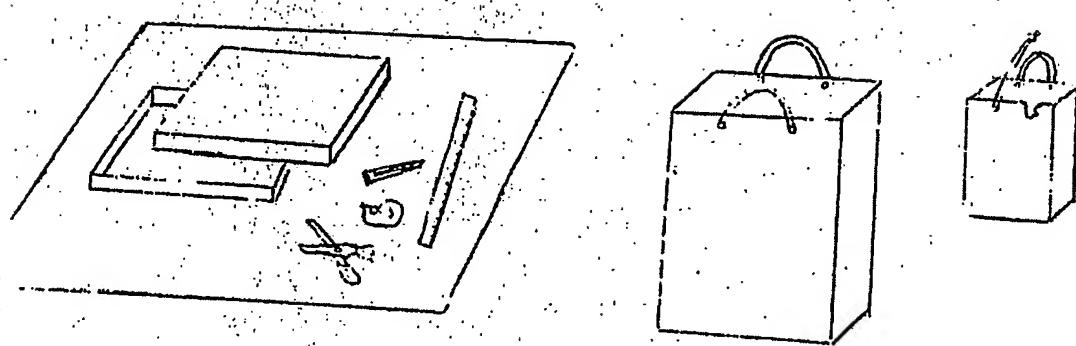
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FIGURE 14



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FIGURE 15



# INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/000784

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A45C 3/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A45C, B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR : IPC as above

JP (utility models) : IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 5-20618 U (DEHARA KAEKO) 19 MARCH 1993 See the whole document	1, 2
A	US 5,505,298 A (FIDELITY CONTAINER CORP.) 09 APRIL 1996 See the whole document	1, 2
A	JP 9-118382 A (KURAUN PATSUKEEJI KK) 06 MAY 1997 See the whole document	1, 2
A	JP 10-286113 A (FRYAHONBU KK) 27 OCTOBER 1998 See the whole document	1, 2
A	KR 96-3762 U (SIN SEOK CHEOL) 14 FEBRUARY 1996 See the whole document	1, 2



Further documents are listed in the continuation of Box C.



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